## IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application.

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- 1. (Original) A method for managing power consumed by a computer system, comprising directing access intended for a device coupled to said computer system to an alternate memory space in said computer system when said device is powered off during power management state of said computer system.
- 2. (Original) The method of claim 1, further comprising performing a process that does not require external activities at said computer system to run but accesses said device.
- 3. (Original) The method of claim 1, wherein said directing access comprises mapping data intended for said device to said memory space.
- 4. (Previously Presented) The method of claim  $\frac{1}{2}$ , wherein said directing access comprises performing virtual memory mapping.
- 5. (Original) The method of claim 1, wherein said device comprises a framebuffer.
- 6. (Original) The method of claim 1, wherein said memory space is a portion of a main memory for said computer system.
- 7. (Original) A method for managing power consumption in a computer system, comprising:

placing said computer system in power management mode; requesting removing power from a device coupled to said computer system;



allocating a memory in said computer system;
removing power from said device; and
directing access intended for said device to said memory while
power is removed from said device.

- 8. (Original) The method of claim 7, further comprising executing a process that includes instructions for accesses to said device, said accesses being directed to said memory.
- 9. (Original) The method of claim 8, further comprising reading data from said memory to allow said process to continue running
- 10. (Original) The method of claim 8, further comprising writing data generated from said process to said memory.
- 11. (Original) The method of claim 7, further comprising detecting an idle state of said computer system, and wherein said requesting removing power is responsive to said detection of said idle state.
- 12. (Original) The method of claim 7, further comprising determining whether there has been external activities at said computer system for a predetermined time.
- 13. (Original) The method of claim 12, wherein said external activities comprise activities at a keyboard or a mouse coupled to said computer system.
  - 14. (Original) The method of claim 7,
    further comprising: restoring power
    to said device; restoring device state
    to said device; and
    updating said device.

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- 15. (Original) The method of claim 14, further comprising releasing said memory and restoring a first mapping such that data is mapped to said device.
- 16. (Original) The method of claim 14, wherein said updating comprises redrawing windows on a display device.
- 17. (Original) A method for managing power consumption in a computer system in a network system having a first computer coupled to a second computer, said second computer executing a process that accesses a device coupled to said first computer, comprising:

placing said first computer in a power management state;
allocating range of virtual memory addresses;
removing power from said device; and
directing access from said second computer that is intended for
said device to said memory addresses.

- 18. (Original) The method of claim 17, wherein said process comprises a process that accesses said device, said process continues running at said first computer.
- 19. (Original) The method of claim 17, wherein said range of virtual memory addresses correspond to a portion of memory in said first computer.
- 20. (Original) A method for power managing a framebuffer coupled to a computer system, comprising directing access requests intended for said framebuffer to a memory in a computer while said computer system in power management mode and said framebuffer is powered off.
  - 21. (Original) The method of claim 20, wherein said framebuffer and

said memory each comprises a plurality of addressable locations, and wherein there is a unique address location in said memory corresponding to each address location in said framebuffer.

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- 22. (Original) The method of claim 20, wherein said framebuffer and said memory each contains a plurality of addressable locations, and wherein there are fewer addressable locations in said memory than addressable locations in said framebuffer.
- 23. (Original) The method of claim 22, wherein accesses to all addressable locations in said framebuffer are directed to a single addressable location in said memory.
  - 24. (Original) A method for managing power consumed by a computer system having a central processing unit, a power management device, and a peripheral device, wherein said power management device controls power to said peripheral device, the method comprising implementing an executable instruction set for directing access intended for said peripheral device to a range of memory addresses when said computer system is in a power management mode and said peripheral device is powered off.
  - 25. (Original) A computer system with power management capabilities, comprising a power management circuit capable of directing access intended for a device coupled to said computer system to a memory in said computer system when said computer system is in a power management mode and said device is powered off.
  - 26. (Original) The computer system of claim 25, wherein said power management circuit comprises:
    - a server for handling communication between a process and a device; a device driver for accessing said device; and

a power manager for setting power level of said device.

27. (Original) A computer system with power management capability, comprising:

a display device;

- a framebuffer associated with said display device; and a virtual framebuffer, wherein access to said framebuffer is directed to said virtual framebuffer when said computer system is in power management mode and said framebuffer is powered off.
- 28. (Original) The computer system of claim 27, wherein said virtual framebuffer contains fewer addressable locations then said framebuffer.
- 29. (Original) A computer readable medium for implementing an instruction set for directing access intended for a device to a memory space during power management mode of a computer system coupled to said device and when said device is powered off.